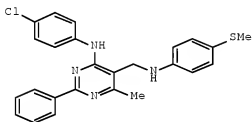


TITLE: Preparation of novel derivative of pyrimidine with immunotropic activity  
 INVENTOR(S): Cieplik, Jerzy; Zimecki, Michal  
 PATENT ASSIGNEE(S): Akademia Medyczna im. Piastow Slaskich we Wroclawiu, Pol.  
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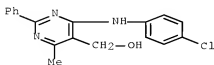


AB The title compound I was prepared by treating 2-phenyl-4-(4'-chlorophenylamino)-6-methyl-5-hydroxymethylpyrimidine with thionyl chloride followed by condensing the resulting 2-phenyl-4-(4'-chlorophenylamino)-6-methyl-5-chloromethylpyrimidine with p-S-methylphenylamine in a solvent such as benzene, chloroform or THF. New compound I was tested in model of humoral immunity response in mice and showed similar activity as Levamisole at dose 10 µg/mouse and 100 µg/mouse.

IT 154957-61-6  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of novel derivative of pyrimidine with immunotropic activity)

RN 154957-61-6 HCAPLUS

CN 5-Pyrimidinemethanol, 4-[(4-chlorophenyl)amino]-6-methyl-2-phenyl- (CA INDEX NAME)



CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))  
 Section cross-reference(s): 1

IT 104-96-1, 4-(Methylthio)phenylamine 154957-61-6

RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of novel derivative of pyrimidine with immunotropic activity)

IT 164926-92-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of novel derivative of pyrimidine with immunotropic activity)